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Applicant/Proprietor International Business Machines Corporation	

### Communication

The European Patent Office herewith transmits as an enclosure the supplementary European search report under Article 153(7) EPC for the above-mentioned European patent application.

If applicable, copies of the documents cited in the European search report are attached.

- ☐ Additional set(s) of copies of the documents cited in the European search report is (are) enclosed as well.

### Refund of the search fee

If applicable under Article 9 Rules relating to fees, a separate communication from the Receiving Section on the refund of the search fee will be sent later.





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**SUPPLEMENTARY  
EUROPEAN SEARCH REPORT**

Application Number  
EP 04 74 6998

DOCUMENTS CONSIDERED TO BE RELEVANT			
Category	Citation of document with indication, where appropriate, of relevant passages	Relevant to claim	CLASSIFICATION OF THE APPLICATION (IPC)
X	US 2001/032700 A1 (NISHII TOSHIHIRO [JP] ET AL) 25 October 2001 (2001-10-25) * paragraphs [0026] - [0028], [0052] - [0055]; figure 10 *	1-7	INV. H05K3/46
A	-----	8-11	
A	US 5 263 243 A (TANEDA JUNICHI [JP] ET AL) 23 November 1993 (1993-11-23) * column 6, lines 5-42; figures 14-17 *	1,2,4-9	
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A	JP 11 087869 A (HITACHI LTD) 30 March 1999 (1999-03-30) * abstract; figure 10 *	1,2,4-9	
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A	US 5 052 103 A (SAITOU HIDEO [JP]) 1 October 1991 (1991-10-01) * claims; figure 6 *	1,2,4-9	
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			TECHNICAL FIELDS SEARCHED (IPC)
			H05K
The supplementary search report has been based on the last set of claims valid and available at the start of the search.			
Place of search <b>The Hague</b>		Date of completion of the search <b>14 August 2008</b>	Examiner <b>Mes, Leendert</b>
CATEGORY OF CITED DOCUMENTS			
X : particularly relevant if taken alone Y : particularly relevant if combined with another document of the same category A : technological background O : non-written disclosure P : intermediate document		T : theory or principle underlying the invention E : earlier patent document, but published on, or after the filing date D : document cited in the application L : document cited for other reasons ..... & : member of the same patent family, corresponding document	

**ANNEX TO THE EUROPEAN SEARCH REPORT  
ON EUROPEAN PATENT APPLICATION NO.**

EP 04 74 6998

This annex lists the patent family members relating to the patent documents cited in the above-mentioned European search report. The members are as contained in the European Patent Office EDP file on  
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14-08-2008

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